

Inventions & Innovation Emerging Technology

Improved Methods to Manufacture Carbon-Alumina Composite Anodes for Al Reduction

An improved metallic anode for electrochemically reducing aluminum was developed with an Inventions and Innovation grant. The anode obviates the need for using carbon and makes it possible to operate the cell at a lower temperature. The process produces oxygen instead of carbon dioxide and perfluorocarbon emissions.



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U.S. Department of Energy
Energy Efficiency and Renewable Energy